

K4105-14A



Announcements of

Foreign Investment in U.S. Manufacturing Industries

First Quarter, 1983

The Conference Board



Investment Data Department

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
FOOD AND RELATED PRODUCTS		
Canada	Imasco Ltd.	Hardee's Food Systems, Inc., U.S. affiliate of Imasco, will build a \$13 million plant at Monterey, Tennessee to produce meat and chicken products. Three hundred people will be employed.
Canada	National Sea Products Ltd.	Acquired a fish processing plant at Portsmouth, New Hampshire from Consolidated Foods Corp.
France	Champagne Louis Roederer	Acquired 300 acres of land in California and will build a winery with a capacity of one million bottles-a-year.
Japan	Fuji Foods	Will build a \$2 million plant at Greensboro, North Carolina to produce meat concentrates. Twenty people will be employed.
Switzerland	Nestle SA	Will spend \$11 million to expand its frozen food plant at Gafney, South Carolina. Employment will rise from 800 to 1,000 people.
United Kingdom	United Biscuits	Shelf Stable Foods, a U.S. subsidiary of United Biscuits, will produce packaged food in a plant at Evansville, Indiana. About 75 people will be employed.

APPAREL

Denmark	Nordisk Fjerfabrik	Northern Feather, Fjerfabrik's U.S. affiliate, will invest \$6.5 million in a plant at Elizabeth, New Jersey to produce pillows and quilts. About 120 people will be employed.
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FURNITURE

Japan	Tokyo Seat Co.	Tricon Corp., U.S. affiliate of Tokyo Seat, will produce automobile seats for Chrysler Corp. in a plant at Columbia, Missouri. Over 400 people will be employed.
South Korea	Hyundia Furniture	Has leased 132,000 sq. ft. of space in Dallas, Texas to assemble furniture.

PRINTING AND PUBLISHING

Canada	International Thomson	Acquired the Bond Buyer and American Banker, two New York City based financial publications, for \$58 million.
Germany	Burda GmbH	Meredith Burda, a 50-50 joint venture with Meredith Corp., will acquire the Iowa printing plant of Meredith. The plant employs 1,300 people and prints magazines, trade books and other publications.
United Kingdom	Associated Newspaper	Acquired majority control of its minority-owned U.S. subsidiary The 13-30 Group. The Group, which publishes a number of periodicals including Esquire Magazine, was purchased for roughly \$2,700,000.

CHEMICALS

France	Elf Aquitaine	Will build a plant at Mobile, Alabama to produce thioglycolic acid for use in cosmetics and other products.
France	Rousselot SA	Acquired Polyrez Co., a Woodbury, New Jersey producer of phenolic resins and cashew nut shell liquid derivatives.
Hong Kong	Ansean Interest Ltd.	Acquired a polyester filament yarn plant in North Carolina from Meyers Yarn. Purchase price was \$5 million.
Japan	Kanegafuchi	Kaneka Texas will build a plant at Bayport, Texas to produce materials used in polyvinyl chloride.
Japan	Takeda Chemicals	Formed a 50-50 joint venture with Abbott Laboratories and will build a 50,000 sq. ft. plant near Chicago to produce drugs. Forty people will be employed.
Netherlands	Akzo	Acquired Wyandotte Paint Products, a producer of automotive and industrial paints. Wyandotte has plants in Michigan, Georgia and Canada, employs 300 people and has annual sales of roughly \$45 million.
Switzerland	Sandoz Ltd.	Acquired Zoecon Ltd., an affiliate of Occidental Petroleum and a producer of animal and plant care products and pesticides.
Switzerland	Sandoz Ltd.	Acquired the Sodyeco division of Martin Marietta for about \$72 million. The division manufactures dyestuffs and organic chemical intermediates and is headquartered in North Carolina.
United Kingdom	Beecham Group Ltd.	Acquired DAP Inc. a producer of paints and household sealants, for about \$70 million. DAP is based in Ohio and was formerly a subsidiary of Schering-Plough.
United Kingdom	BOC International	Airco Inc., U.S. affiliate of BOC, will build an \$8 million plant at South Bend, Indiana to produce carbon dioxide.
United Kingdom	BOC International	Airco will build plants at Santa Fe Springs and City of Industry, California, to produce industrial gases. Combined cost is \$21 million.

RUBBER AND MISC. PLASTICS

Germany	AKW	Acquired Dipak, a Westport, New York producer of plastic molded products, for \$1.8 million. Dipak employs 45 people.
Japan	Bridgestone Tire Co. Ltd.	Acquired the tire plant of Firestone Tire & Rubber Co. at LaVergne, Tennessee, and will spend \$52 million to increase existing capacity.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
PRIMARY METALS		
Canada	Alcan Aluminum Ltd.	Alcan will expand its plant in Georgia at a cost of \$4.3 million.
FABRICATED METAL PRODUCTS		
Germany	Autokuhler GmbH	AKG of America Inc. will produce heat exchangers in a newly constructed plant at Mebane, North Carolina. Over 75 people will be eventually employed.
Japan	Imarflex	Formed a joint venture with Windsor Industries and will produce kerosene heaters in Chicago.
Switzerland	Polybau-Elemente AG	Polydrain Inc. will establish a \$2 million factory at Troutman, South Carolina to produce grates and drainage tunnels.
Switzerland	Oetiker	Will make hose clamps for automobile and industrial use in a plant at Marlette, Michigan. Fifteen people will be employed.
United Kingdom	Spirax-Sarco Engineering PLC	Acquired the Sarco Division of White Consolidated Industries for about \$30 million. Sarco produces steam traps, temperature and pressure regulators and other products. Facilities are in Pennsylvania.
NONELECTRICAL MACHINERY		
Germany	Gustav Neuhauser	Will build a 10,000-15,000 sq. ft. plant at Rochelle, Illinois to produce cutting tools. About 15 people will be employed.
Germany	Linde AG	Acquired controlling interest in Fluid Processing Division of Sales Corp. The Division is based in Pennsylvania and produces industrial heat processing systems.
Germany	Leybold Heraeus	Will spend \$6 million to expand its vacuum pump producing facility in Pennsylvania.
Sweden	Alpha-Laval	Acquired Fluid Operations and Equipment Inc., a Rochester, New York producer of processing equipment for the food and chemical industries. Fluid Operations employs 40 people and has about \$5 million in sales annually.
Switzerland	Sulzer Group	Acquired the remaining 50% interest in Escher Wyss Manchester a Middletown, Ohio producer of machinery for the paper industry.
United Kingdom	Anderson Strathclyde PLC	Acquired a majority interest in National Mine Service Co., a manufacturer of mining machinery and equipment.
United Kingdom	Charterhouse Group PLC	Acquired 49.9% of AC Mfg. Co., a Cherry Hill, New Jersey manufacturer of air conditioning and heating equipment.
United Kingdom	John Mowlem Group	Acquired Buehler, a Lake Bluff, Illinois producer of laboratory analysis equipment, for \$24 million.
United Kingdom	The Scapa Group	Acquired the roll division of A. Rodney Hunt Co. The division makes industrial rolls for printing presses and employs 15 people at Orange, Massachusetts.
United Kingdom	Senior Engineering Group	Acquired Penn Machine Co. a Ferndale, Pennsylvania producer of coal mining machinery. Penn employs about 300 people.
ELECTRICAL MACHINERY		
Canada	Industrial Commutator Co. Ltd.	Will produce devices used to direct the flow of electric current in a 10,000 sq. ft. plant at Maryville, Tennessee. Fifteen people will be employed.
France	Banque Financiere de Paris et des Pays-Bas	Acquired the business and certain assets of Chemetron Process Equipment Inc., a Louisville, Kentucky producer of processing equipment for the food and chemical industries.
Germany	Siemens	Siemens-Allis, a joint venture with Allis-Chalmers, acquired the Distribution and Controls Division of Gould. The division, which employs 3,000 people in eight U.S. and two Canadian plants, produces circuit breakers, metering equipment, switchboards and other products.
Germany	Siemens, Kraftwerk Union	In a joint venture with Allis-Chalmers, the two companies will build a \$50 million plant in Manatee County, Florida to produce electric motors. Five hundred people will be employed.
Germany	Vorwerk Group	Will build a \$10 million plant in Florida to produce carpet care products. About 500 people will be employed.
Netherlands	Holec NV	BTU Engineering Corp., U.S. subsidiary of Holec will build a \$2.5 million plant at North Billerica, Massachusetts to produce semiconductor equipment.
Netherlands	Philips N.V.	Acquired the lamp business of Westinghouse. The operations consist of 10 plants in the United States and one in Mexico which employ about 6,000 people.
United Kingdom	Bowthorpe Holdings PLC	Acquired Tempo Instruments & Controls Corp., a producer of timing devices, regulators and other products. Tempo has facilities in New York and California and employs over 200 people.
United Kingdom	Henderson Group	Acquired Continental Instruments, a Long Island City, New York producer of industrial security equipment, for roughly \$5 million.
TRANSPORTATION EQUIPMENT		
Japan	Nikon Radiator Co.	Calsonic Inc., U.S. subsidiary of Nikon, will build an 80,000 sq. ft. plant at Shelbyville, Tennessee to produce automotive heating and cooling systems. Over 150 people will be employed.
Japan	Toyota Motor Co.	Will contribute an estimated \$150 million to a \$300 million joint venture with General Motors to produce automobiles in a GM plant at Fremont, California. About 3,000 people will be employed.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
INSTRUMENTS		
Germany	Sartorius GmbH	Will produce electronic laboratory scales, hemofilters and dialysis filters at a 39,000 sq. ft. plant in the Yauco district of Puerto Rico. About 400 people will be employed.
Switzerland	Vibro-Meter SA	Acquired BBN Instruments Corp., a Massachusetts producer of pressure sensors, noise monitors and other products.
United Kingdom	Racal Electronics	Acquired Megapulse, a Bedford, Massachusetts producer of navigational equipment, for about \$20 million.

MISCELLANEOUS MANUFACTURING

United Kingdom	Fothergill Harvey Ltd.	Will produce parts for medical equipment in leased facilities at Bennington, Vermont.
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Note: Spending and employment figures given when available. The anticipated spending for plant construction and expansion listed above is expected to be realized when these projects are completed, not during the first quarter of 1983 when plans to undertake the investments were announced. Every effort has been made to make the information in the above table accurate, but complete coverage of all foreign investment activity is not guaranteed.

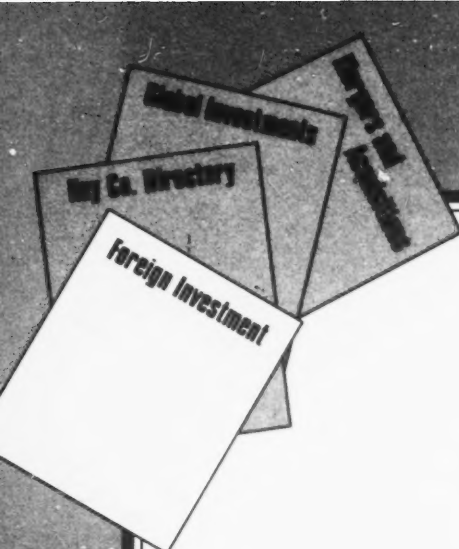
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Announcements of

Foreign Investment in U.S. Manufacturing Industries

Second Quarter, 1983

The Conference Board



<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
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FOOD AND RELATED PRODUCTS

Australia	Life Savers Australasia Ltd.	Prime of Hawaii, U.S. affiliate of Life Savers, will produce fruit juice in a \$1.5 million facility at Honolulu, Hawaii.
France	General Biscuit	Acquired Mother's Cake and Cookie Co., an Oakland, California producer of cookies. Mother's has annual sales of about \$80 million and employs about 800 people.
France	Storione Group	Opened a bakery in Las Vegas, Nevada. About 50 people will be employed.
Germany	Berhorster-Fleischwerk	Westphalen Hams, U.S. affiliate of Berhorster, will build a 5,000 sq. ft. plant in Hernando County, Florida to produce hams. About 10 people will be employed.
Japan	Nakano Vinegar Co.	Acquired the vinegar division of The Merit Group. Purchase price was about \$400,000.
Spain	Freixenet	Bought 160 acres of land near Sonoma, California and will produce champagne.
United Kingdom	Allied-Lyons	Baskin-Robbins, U.S. affiliate of Allied-Lyons, acquired ice cream factories and related territorial franchises in Arizona and Michigan.
United Kingdom	Rowntree Mackintosh PLC	Acquired the Tom's Food snack-division of General Mills for \$215 million.

TEXTILES

Japan	Dianippon Ink & Chemical Co. Ltd.	Will build a \$6.4 million plant near Los Angeles, California to produce nonwoven floor mats.
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APPAREL

Austria	Geiger	Will expand it's women's clothing plant at Middlebury, Vermont by 44,600 sq. ft. Employment will rise from 20 to 70 people.
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FURNITURE

Canada	Manuchair Industries	Will produce office furniture in a 60,000 sq. ft. plant at Buffalo, New York. Twenty-one people will be employed initially.
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PAPER

Canada	Cascades Industries Ltd.	Will reopen and modernize a paper mill at Rockingham, North Carolina at a cost of \$6 million.
Germany	Schroter & Bake	Formed a joint venture with Schiffenhaus Industries and will produce corrugated in-store displays at a plant at Fairfield, New Jersey.
United Kingdom	British American Tobacco	Appleton Papers Inc., U.S. unit of British American, will spend \$22.5 million to expand its plant at Combined Locks, Wisconsin.

PRINTING AND PUBLISHING

United Kingdom	Reed International	Acquired Fischer Medical Publications, a publisher of journals for the medical profession.
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CHEMICALS

Belgium	Petrofina SA	Cosden Oil & Chemical, U.S. affiliate of Petrofina, will relocate its polystyrene plant from Orange, California to Caryville, Louisiana.
Germany	BASF	BASF America Corp. will build a \$1,000,000 plant at Freeport, Texas to produce chemicals used in coatings and other products.
Sweden	AGA AB	AGA Gas Inc. will open a \$22 million industrial gas plant at Canton, Ohio.
Sweden	KemaNobel	Will acquire the sodium chlorate plant of Occidental Chemical located at Columbus, Mississippi.
Switzerland	Sandoz Ltd.	Will add 18,000 sq. ft. to its pigment plant at Charlotte, North Carolina.

REFINING

United Kingdom	British Petroleum	Sohio Chemical, U.S. affiliate of BP, will build a 115 million gal./year benzene plant at its refinery in Lima, Ohio.
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RUBBER AND MISC. PLASTICS

Canada	Victor Podd	Powertex, owned by Mr. Podd and located in Vermont, will relocate to a plant to be constructed at Rouses Point, New York. Powertex produces plastic liners for ocean shipping containers.
Ecuador	Qualiplastics International	Will build a plant at Garden City, Georgia to produce low density polyethylene film and flexible packaging material. About 30 people will be employed.
France	Grosfillex	Will build a \$1 million plant in Berks County, Pennsylvania to produce plastic doors. About fifty people will be employed.
Italy	Goglio Luigi Milano	Will build a \$6 million plant at West Rockhill Township, Pennsylvania to produce packaging material. About 35 people will be employed initially.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
Japan	Mitsubishi Corp.	Bought two plastic pipe producing plants in Nebraska and Texas for about \$7 million from Gifford-Hill and Co.
Netherlands	Rimform	Acquired a 14,000 sq. ft. building at Grand Haven, Michigan and will mold polyurethane materials. Twenty-five people will be employed.
Switzerland	Ciba-Geigy Ltd.	Will spend \$20 million to expand its plant at McIntosh, Alabama that produces ultraviolet light absorbers used in plastics and coatings.
United Kingdom	The Charterhouse Group PLC	Acquired Richdel Inc., a producer of automatic plastic valves for sprinkler systems. Richdel has facilities in Nevada and Texas, annual sales of about \$18 million and employs about 400 people.

STOVE, CLAY AND GLASS

Germany	Pfleiderer Consulting GmbH	Formed a joint venture with Sherman Industries Inc. and will build a \$1.5 million plant at Tuscaloosa, Alabama to produce concrete utility poles. Twenty people will be employed initially.
Italy	Cisa	Cisa America will build a \$10 million plant near Macon, Georgia to produce clay tiles. About 75 people will be employed.
Netherlands	Hunter Douglas N.V.	Has leased 96,000 sq. ft. of space at Maywood, New Jersey to produce tile.
United Kingdom, Switzerland	Blue Circle Industries, Cementia Holdings AG	Acquired four cement plants of Martin Marietta for roughly \$150 million. The plants are in Iowa, Georgia, Alabama and Oklahoma.

PRIMARY METALS

Canada	Victor Podd	Powercast Inc., owned by Mr. Podd and now located in Montreal, will relocate to a plant that will be built at Rouses Point, New York. Powercast makes aluminum castings for street lights and will employ 12-20 people.
Germany	Vereinigte Aluminum-Werke	Will spend \$1.8 million to expand its aluminum extruding facility at St. Augustine, Florida. Thirty jobs will be added.
Japan	Tokyo Rope	ATR Wire & Cable Co., owned by Tokyo Rope and two other Japanese firms, will spend \$25 million to expand its plant at Danville, Kentucky that produces steel wire used in automobile tires. Two hundred workers will be added.
Sweden	Boilden Metech	Acquired the precious metals reclamation business of Refinement International, Inc. Facilities are located in California and Rhode Island; purchase price was about \$8 million.
United Kingdom	Rio Tinto Zinc	U.S. Borax & Chemical Co., will build a \$50 million molybdenum refinery at Grays Harbor, Washington. Over 100 people will be employed.

FABRICATED METAL PRODUCTS

Belgium	Dovre N.V.	Dovre Inc. has purchased a 34,000 sq. ft. plant at Aurora, Illinois and will produce cast iron fireplaces. About 50 people will be employed.
Canada, Spain	Solartech Ltd., Solar Science Corp.	In a joint venture with Owens-Illinois, the two companies acquired Sommaster Corp., an Elmira, New York producer of solar heating and air conditioning devices.
France	Pechiney Ugine Kuhlmann	Howmet Aluminum, a U.S. subsidiary of Pechiney, is building a \$3.6 million plant at Terrell, Texas to produce architectural aluminum.
Germany	Behr	Behr of America announced a \$2.5 million expansion of its heat exchanger production facility at Fort Worth, Texas. Thirteen employees will be added.
Germany	Lautenschlager KG	Mepla Furniture Fittings Inc., U.S. affiliate of Lautenschlager, announced a 10,000+ sq. ft. expansion of the hinge producing factory at High Point, North Carolina.
Japan	Sumitomo	Acquired Tube Turns Inc., a Kentucky-based producer of welded fittings and forgings, for an estimated \$15 million. Tube Turns employs about 500 people and was a division of Allegheny, International.
Sweden	Gotaverken Angtenik AB	Gotaverken Energy Systems Inc. will open a facility at Charlotte, North Carolina to produce chemical recovery boilers.
United Kingdom	Dowty Group	Acquired Owens Mfg. Co., a Bristol, Virginia producer of conveyor belts.

NONELECTRICAL MACHINERY

Belgium	Diamant Boart	Diamant Boart USA will produce diamond drill bits for the oil industry in a 21,500 sq. ft. facility at Conroe, Texas. Ten people will be employed.
Canada	RMH Automation, Ltd.	Will invest \$170,000 in a building in Dodge County, Wisconsin and produce industrial machinery. Five people will be employed.
Switzerland	Oerlikon-Buhle	Will spend \$5 million+ to acquire and build new facilities at Nashua, New Hampshire to produce pumps and vacuum systems.
United Kingdom	Printmatters Ltd.	Will build a 25,000 computer typesetting facility at Orlando, Florida. Thirty people will be employed initially.
United Kingdom	Hall Holdings PLC	Will build a 33,000 sq. ft. plant in Rowan County, Kentucky to produce machinery for the coal industry.
United Kingdom	Powell Duffryn	Acquired Hiller Investments, a manufacturer of fire protection equipment, for \$22 million.
United Kingdom	Rodime	Will build a \$5 million+ plant at Boca Raton, Florida to produce parts for micro computers. About 200 people will be employed.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
ELECTRICAL MACHINERY		
Canada	Mitel Ltd.	Mitel Corp. will build a \$25 million+ plant at Morrison, Colorado to produce telecommunications equipment. Over 500 people will be employed.
Japan	Mitsubishi	Will spend \$410,000 to expand its television plant at Santa Ana, California.
Japan	Oki Denki Kogyo KK	Oki Electric Co. will build a plant at Atlanta, Georgia to produce mobile radio telephones. Fifty people will be employed.
Japan	Sony	Formed a joint venture with CBS and will produce digital audio discs at a plant in Terre Haute, Indiana. CBS Sony Inc. will spend \$21 million to renovate the plant.
Japan	Union Tool Co.	Will build a \$1 million plant at Los Angeles to produce printed circuit board drills. Eighty people will be employed.
United Kingdom	Dubilier	Acquired Automatic Connector Inc., a Commack, New York producer of cable assemblies, fiber optic connectors and other products, for about \$6 million. Automatic employs about 250 people.
United Kingdom	GEI Packaging Corp. Ltd.	Acquired Metramatic Corp., a Landing, New Jersey producer of metal detectors and other products.

TRANSPORTATION EQUIPMENT

Canada	Ontario Locomotive and Industrial Railway Supply Co.	Will invest \$250,000 in a facility at Niagara Falls, New York and will rebuild and repair locomotives. About 12 people will be employed.
Norway	Harding A/S	Will build fiberglass lifeboats and rescue craft in a facility at Mobile, Alabama. Employment will be 10-15 people.
Sweden	Saab-Scania	Will invest \$6.6 million in a facility at Orange, Connecticut and will assemble buses.
United Kingdom	Guest, Keen and Nettlefolds	GKN Automotive Co. will spend \$25 million to build a precision forming facility at its plant in Sanford, North Carolina. About 75 workers will be added.

INSTRUMENTS

Canada	Foundation Instruments	Will produce fiber optic devices in a newly acquired facility at Dexter, N.Y.
Germany	Optische Werke G. Rodenstock	Rodenstock Corp. announced a \$500,000 expansion of its eyeglass plant at Yuaco, Puerto Rico. About 50 workers will be added.
Japan	Fujitsu Co. Ltd.	Will build a plant at Dallas, Texas to produce fiber optic communication equipment.
Japan	Watanabe Instruments	Will produce recorders and plotting instruments in a newly constructed plant at Irvine, California.

MISCELLANEOUS MANUFACTURING

Canada	Maska	Announced a \$350,000 expansion of its Bradford, Vermont plant which produces hockey equipment and sportswear.
Canada	Pearson Forest Products	Paid \$1 million + for a plant in Vermont and will produce hockey sticks.
Denmark	Schurpack	Will produce food industry packaging items at St. Joseph, Missouri. About 40 people will be employed.
Japan	Pilot Pen	Will build a plant at Trumbull, Connecticut to produce ballpoint pens.
Switzerland	Gemofi	Will build a \$1 million plant in Rhode Island to produce soap dispensers. Twenty-five people will be employed.
Taiwan	Formosa Plastics	Acquired pipe-making plants of Johns-Manville Corp. located in California, Oregon, Colorado, Texas, Iowa, Pennsylvania, Florida and North Carolina. The plants employ about 1,000 people.

Note: Spending and employment figures given when available. The anticipated spending for plant construction and expansion listed above is expected to be realized when these projects are completed, not during the second quarter of 1983 when plans to undertake the investments were announced. Every effort has been made to make the information in the above table accurate, but complete coverage of all foreign investment activity is not guaranteed.

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Announcements of

Foreign Investment in U.S. Manufacturing Industries

Third Quarter, 1983

The Conference Board



Investment Data Department

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
FOOD AND RELATED PRODUCTS		
France	Richter, Cordier	The two firms have formed a joint venture with a U.S. investor and will build a \$5 million winery at Bakersfield, Texas. Fifty people will be employed.
Japan	Kibun Co. Ltd.	Kibun Corp. of America will build a \$7 million+ facility at Redmond, Washington to process fish and shell fish products. Thirty people will be employed initially.
United Kingdom	Charterhouse Group PLC	Acquired Doric Foods Corp. a Florida-based producer of fruit drinks, from The Coca-Cola Co.
United Kingdom	United Biscuits	Purchased a plant at Raleigh, North Carolina and will renovate it to produce snack foods. About 100 people will be employed.
TOBACCO		
United Kingdom	Alfred Dunhill	Lane Ltd., a subsidiary of Dunhill, acquired a 100,000 sq. ft. plant at Atlanta, Georgia and will produce tobacco products.
TEXTILES		
Germany	Voith GmbH	Acquired Appleton Mills, a Wisconsin producer of felts for paper making machinery. Appleton employs over 100 people.
APPAREL		
Germany	Brinkhaus Mills	Will assemble down-filled comforters in leased facilities at Cornelia, Georgia.
Germany	Fahnen-Schmid	Schmid Flags Inc. will produce flags, banners etc. in 3,000 sq. ft. of leased space at Richmond, Virginia.
LUMBER AND WOOD PRODUCTS		
Japan	Takeuchi Lumber	Is building a lumber drying plant at Shelton, Washington.
FURNITURE		
Canada	Arlink	Is investing \$100,000 in a facility at Youngstown, New York and will produce office furniture. Five people will be employed.
PAPER		
Canada	Novotel	Has leased 19,200 sq. ft. of space at St. Albans Vermont, and will produce corrugated boxes. Fifty people will be employed.
Canada	Renfrew Tape Ltd.	Will produce tape in a 13,000 sq. ft. plant at Ogdensburg, N.Y.
Ireland	Jefferson Smurfit Group	Raised its interest in Smurfit Diamond Packaging Corp. from 50% to 100%. The Corp. has 12 plants that produce paper and related products and services.
PRINTING AND PUBLISHING		
Canada	International Thomson	Acquired Redgate Publishing Co., a Vero Beach, Florida publisher of a database containing information on software.
Canada	Maclean Hunter	Transkrip Corp., U.S. affiliate of Maclean-Hunter, will build a \$6 million facility near Elmsford, N.Y. to produce computer printouts. Over two hundred people will be relocated from an existing plant.
United Kingdom	United Newspaper	Is acquiring Gralla publications, a New York city based publisher of business magazines, for about \$44 million. Gralla employs about 300 people.
CHEMICALS		
Japan	Akiba	Techno Enterprises Inc. will invest \$500,000 in a facility at Bay Shore, New York to produce food preservatives. Ten people will be employed.
Japan	Nippon Sanso	Has formed a joint venture with UGI Corp. of the United States and purchased the Matheson Gas Products division of G.D. Searle & Co. The division makes specialty gases used in the manufacture of semiconductors and other products, had sales of \$44.6 million in 1982, and has 14 manufacturing and distribution facilities in the United States and Canada.
Netherlands	Hepar	Hepar Industries Inc. will build a \$1.3+ million plant at Storm Lake, Iowa to produce anti-coagulants. About 10 people will be employed.
Netherlands/ United Kingdom	Shell	Will spend \$10 million to expand its olefins plant at Geismar, Louisiana.
United Kingdom	ICI	Stuart Pharmaceuticals, a division of ICI, will spend \$4.2 million to expand its plant at Newark, Delaware. The plant produces products to prevent infections; 10 employees will be added.
United Kingdom	Courtaulds PLC	Hysol Grafil, a joint venture with Dexter Corp., will build an \$8 million plant at Sacramento, California to produce carbon and graphic fibers. Sixty people will be employed.
United Kingdom	Reed International PLC	Acquired Roman Adhesives Inc. of Bloomfield, New Jersey for \$6 million.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
STONE, CLAY AND GLASS		
Australia	Synthetic Diamond Technology Inc.	Will build a \$4.6 million plant at South Bend, Indiana to produce industrial diamonds. Sixty people will be employed initially.
France	Durand	Durand Glass Manufacturing Co. will add 63,000 sq. ft. to its tableware plant at Millville, New Jersey.
Germany	Demetron GmbH	Acquired Technology Glass, a producer of glass beads and other products for the electronics industry. Technology Glass has plants in California, Arizona and Ohio, employs 250 people and has sales of about \$10 million.
Italy	Edilgres	Edilgres U.S.A. will build a \$2 million plant at Willis, Texas to produce ceramic tile. Over 50 people will be employed.
Germany	Gebr. Knauf Westdeutsche	Knauf Fiberglass Inc. will spend \$4-5 million to expand its Shelbyville, Indiana facilities. About 75 jobs will be added.
United Kingdom	BOC Group	Airco Temescal Division, U.S. unit of BOC, will build a \$7 million plant at Claremore, Oklahoma to produce architectural and residential coated glass. Over 30 people will be employed.
United Kingdom	British Petroleum	Carborundum Co., U.S. unit of BP, will spend \$5 million to expand its facilities at Niagara Falls, New York to produce a ceramic material used in automobiles.

PRIMARY METALS

Japan	Mitsui, Nippon Steel	Alumax, 50% owned by Mitsui and Nippon (50% is owned by Amax Inc.) purchased Howmet Aluminum Corp from Pechiney Ugine Kuhmann of France. Howmet's primary aluminum reduction plants are in Maryland and Washington; 1982 sales were \$534 million.
Kuwait	Kuwait	Kuwait investors increased their holdings in Korf Industries from 30% to 51%. Korf, formerly a subsidiary of a German company, has reorganized and one of its chief assets is a steel mill at Georgetown, South Carolina.

FABRICATED METAL PRODUCTS

United Kingdom	Netlon Ltd.	Formed a joint venture with Gulf Canada Ltd. and will produce polymer reinforcing meshes at a plant to be constructed at Atlanta, Georgia. Two hundred people will be employed.
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NONELECTRICAL MACHINERY

Canada	Selox Manufacturing Ltd.	Will spend \$1.25 million to acquire and build facilities at Rome, New York to produce vending machines. Thirty-five people will be employed.
Germany	Bausch & Strobel Maschinenfabrik	Will build a plant at Chilton, Connecticut to produce machines for sterilizing and filling pharmaceutical bottles.
Germany	Getriebe Bau Nord	Will build a plant in Wisconsin to produce machine tools.
Germany	Grob Werke GmbH & Co AG	Grob Manufacturing Systems will produce machine tools in a newly constructed 21,600 sq. ft. plant at Bluffton, Ohio.
Germany	Kannegiesser	Will spend \$265,000 + to build a facility at Havre de Grace, Maryland to produce fusing equipment used in textile making.
Germany	Mannesmann AG	Mannesmann Demag Corp. will spend \$350,000 to expand its crane manufacturing plant at Houston.
Japan	Honda	Honda Power Equipment Manufacturing Inc. will build a \$10 million plant near Mebane, North Carolina to produce lawn mowers. Eighty people will be employed.
Japan	Hoshizaki Electric	Will build a 661,000 sq. ft. plant at Atlanta, Georgia to produce industrial ice machines and refrigerators. Initially, 100 people will be employed.
Japan	Minebea Co. Ltd.	Acquired Hi-Tek Corp., a Garden Grove, California producer of computer keyboards. Hi-Tek had sales of \$27 million in fiscal 1983.
Japan	Mitsubishi Electric Corp.	Mitsubishi Semiconductor America Inc. will build a \$29 million plant in Durham County, North Carolina to produce random access memory chips. Two hundred persons are expected to be employed.
Switzerland	Ateliers de Constructions	Norwalk-Turbo Inc., U.S. affiliate of Vevey, will add 24,000 sq. ft. of space to its compressor producing plant at Latham, N.Y.
Switzerland	Heerema Group	Acquired Big Inch Marine Systems of Houston, Texas. Big Inch manufactures products used in underwater drilling.
Switzerland	SIG Swiss Industries	Acquired the Doboy Packaging Machinery division of Nordson Corp. Doboy makes packaging machinery, has plants in Wisconsin, England, Germany and Spain, employs 700 people and has annual sales of about \$40 million.
United Kingdom	Marley	Acquired Salton Inc., a Bronx, New York producer of small electrical appliances. Salton has sales of roughly \$7.5 million and was formerly owned by Bromain Holdings of South Africa.
United Kingdom	S. Pearson & Son	Acquired G & S Systems, a Massachusetts designer and manufacturer of computers and interface equipment, for \$1.5 million. G & S sales are about \$5 million.
United Kingdom	Stavely Industries	Acquired Metrotek Inc., a Richland, Washington manufacturer of metrology equipment.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
ELECTRICAL MACHINERY		
Canada	Northern Telecom	Will spend \$16 million to expand its plant at Raleigh, North Carolina producing central office telephone switches. About 1,000 jobs will be added.
Germany	Degussa AG	Acquired Technology Glass Corp., a Sunnyvale, California producer of semiconductor packages. Technology Glass has sales of about \$10 million.
Germany	Schiederwerk Gunter Schmidt KG	GATM Corp., U.S. subsidiary of Schiederwerk, will manufacture telephone equipment in a 3,000 sq. ft. facility at Brooksville, Florida.
Japan	Fujitsu	Fujitsu America will lease 25,000 sq. ft. at Richardson, Texas to produce telecommunications equipment. Forty people will be employed.
United Kingdom	Peranti PLC	Acquired Venus Scientific, Inc., a producer of TV cameras, power equipment and other products. Venus is located in Farmingdale, New York and employs 175 people.

TRANSPORTATION EQUIPMENT

Canada	Magna International	Will build a \$5 million plant in Carroll County, Maryland to produce automobile parts. Fifty people will be employed initially.
Japan, Germany	Koito Manufacturing, Westfälisch Metal Industrie	Have formed a joint venture and will produce auto parts in a plant to be constructed at Flora, Illinois.
Japan	Nippon Cable	Hi-Lex Corp., U.S. affiliate of Nippon Cable, will spend \$1 million to expand its cable control products plant (for autos, trucks, etc.) at Battle Creek, Michigan. About 30 jobs will be added.
Japan	Nippondenso Co. Ltd.	Will produce car heaters and windshield washers in a plant at Battle Creek, Michigan.
Spain	Iberia Cycle	Will manufacture exercise machines at a \$10 million plant at Medley, Florida. Eight people will be employed eventually.
United Kingdom	International Signal and Control Group PLC	Acquired Marquardt Co., a Van Nuys, California producer of aerospace propulsion systems, ordnance and turbo products. Purchase price was \$43.5 million.
United Kingdom	Lewmar	Acquired Navtec Inc., a Boston-based producer of fittings and hydraulic systems for yachts.

INSTRUMENTS

Canada	International Forums	Leader Sports, Inc., U.S. affiliate of International Forums, will spend \$1.6 million to expand its sports equipment factory at Willsboro, N.Y. Thirty jobs will be added.
Finland	Kone	Acquired Burdick Corp. a Wisconsin producer of electronic medical equipment, for about \$10 million.
Japan	Sumitomo Electric Industries Ltd.	Will build a laboratory and plant in North Carolina to produce fiber-optics systems.
Netherlands	Phillips N.V.	Airpax, a U.S. unit of Philips will spend \$6 million+ to expand its plant producing electromechanical devices at Frederick, Maryland. One hundred jobs will be added.
United Kingdom	Kelco Enterprises	Vival Inc., a U.S. affiliate of Kelco, will invest \$1 million in a facility at Kings Point, New York to produce breathing masks and survival equipment. Employment will be 175 people.
United Kingdom	Monocon Ltd.	Will invest \$200,000 in a factory at Benton Township, Michigan and produce refractory lenses. Thirty people will be employed.

MISCELLANEOUS MANUFACTURING

Canada	Roth Plastics	Is producing brushes in a 2,400 sq. ft. facility at Lewiston, New York.
Germany	Rheinmetall	Colibibloc Inc., a joint venture of Rheinmetall and R.J. Industries, will build a \$28 million plant at Columbus, Ohio to pack sterilized foods and other products.

Note: Spending and employment figures given when available. The anticipated spending for plant construction and expansion listed above is expected to be realized when these projects are completed, not during the third quarter of 1983 when plans to undertake the investments were announced. Every effort has been made to make the information in the above table accurate, but complete coverage of all foreign investment activity is not guaranteed.

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Global Investments

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Foreign Investment

Announcements of

Foreign Investment in U.S. Manufacturing Industries

Fourth Quarter, 1983

The Conference Board



Investment Data Department

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
FOOD AND RELATED PRODUCTS		
Belgium	de Beukelaer	Will build a \$1 million plant at Gluckstadt, Mississippi to produce wafers. Over 20 people will be employed.
Canada	Joseph E. Seagram and Sons	Acquired the Wine Spectrum, a producer of various types of champagnes and wines, from the Coca-Cola Company for more than \$200 million.
Canada	Independent Products	Acquired a plant for \$1 million in Champlain, New York and will produce natural meat casings. Between 50 and 100 jobs will be created.
Finland	Huhtamaki Group	Acquired the confections division of Beatrice Foods. The division produces candy and other sweets and has annual sales of about \$123 million.
Finland	Huhtamaki Group	Acquired the Donruss division of General Mills, a Tennessee-based producer of bubble gum.
Finland	Huhtamaki Group	Acquired Leaf Confectionery Inc., a Chicago-based producer of chewing gum, confectionary and other products. Leaf has sales of about \$100 million and employs about 1,100 people.
Germany	Schaflein	Bavarian Specialties, U.S. affiliate of Schaflein, will produce meat and bakery products in a facility at Altamonte Springs, Florida. Ten people will be employed initially.
Japan	Kaiyo Bokujo Co. Ltd.	Formed a joint venture with two other Japanese firms and will grow and process food products in a \$1.6 million + facility at Hazleton, Pennsylvania. Fifty people will be employed.
Japan	Kibun	Has located a \$3 million seafood processing plant in Raleigh, North Carolina.
Switzerland	Nestle SA	Stouffer Foods Corp., U.S. affiliate of Nestle, will build a \$75 million frozen food processing plant near Springville, Utah. Over 1,000 people will be employed.
TEXTILES		
Greece	Jacquard Lace	Will build a \$5 million plant in Madison County, Alabama to produce lace bedspreads, tablecloths and draperies. Over 100 people will be employed.
APPAREL		
Austria	Geiger	Will spend \$700,000 + to expand its wool garment plant at Middlebury, Vermont.
Japan	Wacoal	Acquired Teenform Inc., a New York City-based manufacturer of women's underwear, for \$8.5 million.
FURNITURE		
France	Provost S.A.	Acrade Dimension Corp., U.S. affiliate of Provost will spend \$400,000 to expand its furniture plant at Arcade, New York.
Germany	Hermann Schoepp GmbH	Will build a \$5 million plant in Rocky Mount, North Carolina to produce pile velours used by the upholstered furniture industry.
PAPER		
Germany	Haindl Paper	Acquired an unbleached kraft mill in Port Townsend, Washington from Crown Zellerbach. Purchase price was \$10 million and \$100 million will be spent to expand and modernize the mill.
PRINTING AND PUBLISHING		
Australia	News Ltd.	Acquired the Chicago Sun-Times and related properties of Field Enterprises Inc. for \$90 million.
Canada	Toronto Sun Publishing	Acquired the Houston Post newspaper for \$100 million.
United Kingdom	S. Pearson & Son	Acquired Federal Publications Inc., a Washington, D.C. publisher of materials on construction, contracting and U.S. government procurement.
CHEMICALS		
Canada	Molson Cos.	Acquired Oxford Chemicals Inc., an Atlanta, Georgia producer of industrial cleaning products.
Denmark	Sadolin-Hohnblad	Will build a 16,000 sq. ft. plant at Greensboro, North Carolina to produce chemical coatings.
France	L'Air Liquide SA	Liquid Air Corp. will build a \$14.5 million plant at Tucson, Arizona to produce nitrogen, oxygen and argon. Over 40 people will be employed.
France	Societe Nationale Elf Aquitaine	Texasgulf Chemicals, Inc. announced a \$2.5 million expansion of its chemical complex at Kinston, North Carolina.
France	Societe Nationale Elf Aquitaine	Will spend \$10 million to expand its thioglycolic acid (used in beauty products and polyvinyl chloride) plant at Axis, Alabama.
France, Japan	Societe Nationale Elf Aquitaine, Mitsubishi	Formed a joint venture (Metco America Inc.) that will be capitalized at over \$20 million and will build a manufacturing plant in Mobile County, Alabama to produce ingredients used in making plastics.
Germany	Henkel KGaA	Will build a \$20 million facility at Kankakee, Illinois to produce vitamins.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
Japan	Takasago Industries Ltd.	Acquired a flavor manufacturing plant in Teterboro, New Jersey belonging to International Flavors and Fragrances.
Japan	Takeda Chemical	Will build a \$10 million plant at Raleigh, North Carolina to produce vitamins.
Japan	Tomoe-gawa Paper Co. Ltd.	Will spend \$1.7 million to expand facilities producing toner for plain paper copiers. The plant is located at Wheeling, Illinois.
Netherlands	Akzo	Acquired Lanchem Corporation, a producer of resins. Lanchem has annual sales of about \$7 million.
Netherlands	Akzo	American Enka will spend \$18 million to expand its synthetic yarn plant at Enka, North Carolina.
United Kingdom	BOC International	Airco, U.S. affiliate of BOC, will spend about \$3 million to increase production of oxygen and nitrogen at its Calmont, Delaware plant.

RUBBER AND MISC. PLASTICS

Austria	Austrian American Industries	Acquired a 3,600 facility in York County, Pennsylvania and will produce plastic parts, tools, dies and molds for the medical industry.
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STONE, CLAY AND GLASS

Australia	Adelaide Brighton Cement Holdings Ltd.	Will pay \$13 million for a 50% share of a cement plant at Seattle, Washington.
Netherlands	Philips N.V.	Acquired a plant producing glass bulbs used in the manufacture of incandescent lamps from Corning glass works. The plant employs 300 people and is located in Danville, Kentucky.
Switzerland	Grapart Holding S.A.	Formed a joint venture with Marble Supply International of the US, and will build a \$4 million granite fabrication plant at Chicago, Illinois. About 85 people will be employed.
Switzerland	Holderbank Financiere Glaris Ltd.	Acquired a cement plant at Catskill, New York. The plant employs 150 people.

PRIMARY METALS

Canada	Eastern Precision Casting	Announced a \$1.4 million expansion its precision metal casting plant at Plattsburgh, N.Y. About 30 jobs will be added.
Canada	Ivaco	Raised its ownership of Laclede Steel Co. from 40% to 51% at a cost of \$10.1 million.
Japan	Daiwa Steel	Century Tube Corp., U.S. affiliate of Daiwa, will spend \$2.8 million to expand manufacturing and distribution facilities for steel tubing, pipes and other products at its plant at Pine Bluff, Arkansas.
Japan	Shin-Etsu Handotai	SEH America will build a \$15 million plant at Vancouver, Washington to produce silicon wafers. One hundred people will be employed.

FABRICATED METAL PRODUCTS

France	SFEC S.A.	Acquired Tyson Products, a Pittsburgh, Pennsylvania producer of institutional restaurant equipment, for about \$900,000.
Netherlands	Royal Packaging Industries Van Leer BV	Acquired the steel container division of Inland Steel. The division employs about 900 people in plants in Illinois, Ohio, New Jersey and Mississippi.
United Kingdom	Bespak	Will open a plant near Cary, North Carolina to produce precision valves used for applying pharmaceuticals. One hundred people will eventually be employed.

NONELECTRICAL MACHINERY

Finland	Wartsila	Acquired Appleton Machine Company, a Wisconsin producer of machines for papermaking. Appleton has annual sales of about \$20 million.
France	Machines Francaises Lourdes	Acquired Goldsworthy Engineering Inc., a California producer of composite-forming machinery and machines for making auto springs.
Germany	Oskar Dilo Maschnefabrik KG	Will build a 10,000 sq. ft. plant in Charlotte, North Carolina to produce textile machinery.
Germany	Wacker-Chemie GmbH	Wacker Siltronic Corp. will spend \$60 million to expand its silicon-wafer plant at Portland, Oregon.
Germany	N.A.	Cableware Systems, Inc., U.S. affiliate of a German company, paid \$4.5 million to acquire a plant at Hickory, North Carolina to produce microwave antennae, cable and connectors.
Japan	Hirata Industrial Machineries Co. Ltd.	Acquired a plant in Indianapolis, Indiana and will produce conveyor equipment and robots. Eighteen people will be employed.
Japan	Nippon Chemi-Con	Will pay \$1.8 million to acquire 75% of Data Ray Corp., a Boulder, Colorado producer of video circuit board assemblies. Data Ray had 1982 sales of about \$4. million and employs 50 people.
Japan	Union Tool Co. Ltd.	Megatool Inc., U.S. subsidiary of Union Tool, will build a plant at Los Angeles, California to produce carbide drills used in making printed circuit boards.

<i>Domicile of Foreign Company</i>	<i>Firm(s) Undertaking Investment</i>	<i>Description</i>
Luxembourg	Hiross Group	Hiross, Inc. will spend \$1.7 million to expand facilities producing air conditioners for computers at Wheatfield, N.Y. Employment will rise from 100 to 200 people.
South Korea	Samsung	Will produce computer-related equipment in a 30,000 sq. ft. facility at Santa Clara, California. Over 80 people will be employed.
Sweden	AB Fannyudde	Acquired the assets of Ohio Scientific Inc., a manufacturer of microcomputers.
Sweden	Volvo	Volvo of America will build a \$2.5 million plant at Sterling Heights, Michigan to produce automated carriers used in assembly lines in automobile plants. Sixty people will be employed.
Switzerland	Qualitex	Will produce rubber thread extruding equipment in a plant at Charlotte, North Carolina.
United Kingdom	Drayton Engineering Ltd.	Will manufacture valves for radiators and other heat controlled equipment at facilities in Allentown, Pennsylvania.
United Kingdom	Imperial Chemical	Acquired Arbo Electronics, a Van Nuys, California producer of printed circuit boards for the computer, aerospace and defense industries.
United Kingdom	Leadenhall Sterling	Acquired Magna-Graphics Corp., a designer and manufacturer of converting and printing equipment

ELECTRICAL MACHINERY

Canada	Filtran Ltd.	Will produce filters and transformers for electronic products in a facility at Ogdensburg, New York. Twelve people will be employed.
Canada	Hammond Manufacturing Co. Ltd.	Acquired Neco Corp., a Baraboo, Wisconsin producer of transformers, cabinet and power supplies. Neco employs 100 people.
Germany	BASF	Will acquire and renovate a plant near Bedford, Massachusetts, and produce floppy disks for computers. Total cost will be \$6 million.
Germany	Wandel and Goltermann GmbH	Will build a \$6 million plant at Raleigh, North Carolina to produce electronic components. About 100 people will be employed initially.
South Korea	Hyundai	Will build a \$50 million semiconductor plant in California.
South Korea	Samsung Electronics	Will build a \$25 million plant at Roxbury, New Jersey to produce television sets and microwave ovens.
Sweden	ASEA AB	ASEA Inc. will spend \$2.9 million + to construct a facility at White Plains, New York to produce hydraulic motors and welding supplies.
United Kingdom	Heron International PLC	Acquired majority ownership of Media Home Entertainment, a Los Angeles, California producer of video cassette tapes of motion pictures.

TRANSPORTATION EQUIPMENT

Japan	Honda Motor Co.	Honda of America will build a \$30 million plant at Marysville, Ohio to produce motorcycles. Employment will reach 150.
Japan	Ishikawajima-Harima Heavy Industries Co. Ltd.	Formed a joint venture with Borg-Warner Corp. and will produce turbochargers at a plant in Shelbyville, Illinois. One hundred twenty people will be employed.
Canada	121513 Canada Ltd.	Acquired a majority interest in Hiller Aviation Inc. a Porterville, California producer of helicopters. Purchase price was about \$3 million.
France	Isomat	Located a facility at Charlotte, North Carolina to produce sailboat masts.
Japan	Nippondenso	Will build a plant to produce auto parts at Long Beach, California.
Sweden	Volvo	Spent \$1.4 million to modify its plant at Chesapeake, Virginia to produce mass-transit buses. Over 180 people will be employed.
United Kingdom	Shore Flyte	Will build a 5,000 sq. ft. plant at Elizabeth City, New Jersey to produce suspension units for utility trailers.

INSTRUMENTS

Switzerland	Hoffman-La Roche	Acquired American Diagnostics Corp., a Newport Beach, California producer of medical diagnostic test kits.
United Kingdom	Smith & Nephew	Acquired Rolyan Manufacturing Co. Inc., a Menomonee Falls, Wisconsin producer of healthcare products and flotation equipment.

MISCELLANEOUS MANUFACTURING

United Kingdom	Charterhouse Group	Acquired Fendt Findings Company, a Hatfield, Pennsylvania producer of jewelry parts. Sales for 1983 are expected to be \$27 million.
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